What is claimed is:

1. A member having a photocatalytic function comprising:

a transparent substrate;

a peel preventing layer, whose main component is an oxide, an oxynitride and a nitride containing at least one of silicon and tin, provided on the surface of said transparent substrate;

a crystalline undercoat layer provided on said peel preventing layer; and

a photocatalyst layer formed on said crystalline undercoat layer,

wherein the thickness of said crystalline undercoat layer is 2 nm or more and 40 nm or less, and the thickness of said photocatalyst layer is 2 nm or more and 15 nm or less.

2. A member having a photocatalytic function comprising:

a transparent substrate;

a peel preventing layer, whose main component is an oxide, an oxynitride and a nitride containing at least one of silicon and tin, provided on the surface of said transparent substrate;

a crystalline undercoat layer provided on said peel preventing layer; and

a photocatalyst layer formed on said crystalline undercoat layer,

wherein the thickness of said crystalline undercoat layer is 3 nm or more and 20 nm or less, and the thickness of said photocatalyst layer is 3 nm or more and 10 nm or less.

3. The member having a photocatalytic function according to claim 1 or 2, wherein said peel preventing layer is constituted of amorphous silicon oxide, said crystalline undercoat layer is constituted of zirconium oxide, and said photocatalyst layer is constituted of crystalline titanium oxide.

4. The member having a photocatalytic function according to claim 3, wherein said crystalline undercoat layer comprises monoclinic zirconium oxide crystals.

5. The member having a photocatalytic function according to any one of claims 1 to 4, wherein a dead layer which is observed as a halo pattern in an electron diffraction image is not substantially present between said undercoat layer and said photocatalyst layer.

6. Multiple glass comprising an outdoor side glass sheet and an indoor side glass sheet arranged to face each other,

wherein a peel preventing layer whose main component is an oxide, an oxynitride and a nitride containing at least one of silicon and tin is provided on the outdoor side surface of said outdoor side glass sheet, a crystalline undercoat layer having a thickness of 2 nm or more and 25 nm or less is provided on said peel preventing layer, a photocatalyst layer having a thickness of 2 nm or more and 15 nm or less is formed on said crystalline undercoat layer, and a heat ray reflecting film (low emissivity film) is formed on the indoor side surface of said outdoor side glass sheet.

7. Multiple glass comprising an outdoor side glass sheet and an indoor side glass sheet arranged to face each other,

wherein a peel preventing layer whose main component is an oxide, an oxynitride and a nitride containing at least one of silicon and tin is provided on the outdoor side surface of said outdoor side glass sheet, a crystalline undercoat layer having a thickness of 3 nm or more and 5 nm or less is provided on said peel preventing layer, a photocatalyst layer having a thickness of 3 nm or more and 5 nm

or less is formed on said crystalline undercoat layer, and a heat ray reflecting film (low emissivity film) is formed on the indoor side surface of said outdoor side glass sheet.

8. The multiple glass according to claim 6 or 7, wherein said peel preventing layer is constituted of amorphous silicon oxide, said crystalline undercoat layer is constituted of zirconium oxide, said photocatalyst layer is constituted of crystalline titanium oxide, and said heat ray reflecting film has a multilayered structure in which zinc oxide, silver, zinc oxide, silver and zinc oxide are laminated on the surface of said glass sheet in this order.

9. The multiple glass according to claim 8, wherein said crystalline undercoat layer comprises monoclinic zirconium oxide crystals.

10. The multiple glass according to any one of claims 6 to 9, wherein a dead layer which is observed as a halo pattern in an electron diffraction image is not substantially present between said undercoat layer and said photocatalyst layer.